

AMENDMENT

In the Claims:

1. (Amended) An isolated antimicrobial peptide of not more than 50 residues, the peptide comprising an amino acid sequence selected from the group consisting of:

KNLRRIRKIIHIKKYG-NH₂ (SEQ ID NO: 1),
KNIRRIIRKIIHIKKYG-NH₂ (SEQ ID NO: 6),
KNIRRIIRKIIHIKKYG (SEQ ID NO: 7),
KNLRRIRKIIHIKKY[·]G (SEQ ID NO: 8),
NLRRIIRKIIHIKKY (SEQ ID NO 9),
NIRRIIRKIIHIKKY (SEQ ID NO: 10),
LRRIRKIIHIKK-NH₂ (SEQ ID NO: 11),
LRRIRKIIHIKK (SEQ ID NO: 12),
IRRIIRKIIHIKK-NH₂ (SEQ ID NO: 13),
IRRIIRKIIHIKK (SEQ ID NO: 14),
LRRIRKIIHIK-NH₂ (SEQ ID NO: 15),
RRIIRKIIHIKK-NH₂ (SEQ ID NO: 16),
RRIIRKIIHIK-NH₂ (SEQ ID NO: 17),
GLRKRLRKFRNKIKEKLKKIG (SEQ ID NO: 19),
KRLRKFRNKIKEKLKKIG (SEQ ID NO: 20),
RKRLRKFRNKIKEKLKKIGQKI (SEQ ID NO: 21),
LRKFRNKIKEKLKKIGQKI (SEQ ID NO: 22),
LRKFRNKIKEKLKKIGQKI[·]Q (SEQ ID NO: 23),
RKFRNKIKEKLKKIG (SEQ ID NO: 24),
KIKEKLKKIGQKI[·]Q (SEQ ID NO: 25),
KIKEKLKKIGQKI[·]QGLL (SEQ ID NO: 26),
RGLRRLGRKIAHGVKKYGPTVLRRIIRIA-NH₂ (SEQ ID NO. 27), and
KNLRRIRKIIHIKKYGPTILRIIRIIG-NH₂ (SEQ ID NO. 28).

3. (Amended) A pharmaceutical composition comprising an antimicrobial peptide of not more than 50 residues, the peptide comprising an amino acid sequence selected from the group consisting of:

KNLRRRIIRKIIHIIKKYG-NH₂ (SEQ ID NO: 1),
KNIRRIIRKIIHIIKKYG-NH₂ (SEQ ID NO: 6),
KNIRRIIRKIIHIIKKYG (SEQ ID NO: 7),
KNLRRRIIRKIIHIIKKYG (SEQ ID NO: 8),
NLRRRIIRKIIHIIKKY (SEQ ID NO 9),
NIRRIIRKIIHIIKKY (SEQ ID NO: 10),
LRRRIIRKIIHIIKK-NH₂ (SEQ ID NO: 11),
LRRRIIRKIIHIIKK (SEQ ID NO: 12),
IRRIIRKIIHIIKK-NH₂ (SEQ ID NO: 13),
IRRIIRKIIHIIKK (SEQ ID NO: 14),
LRRRIIRKIIHIIK-NH₂ (SEQ ID NO: 15),
RRIIRKIIHIIKK-NH₂ (SEQ ID NO: 16),
RRIIRKIIHIIK-NH₂ (SEQ ID NO: 17),
GLRKRLRKFRNKIKEKLKKIG (SEQ ID NO: 19),
KRLRKFRNKIKEKLKKIG (SEQ ID NO: 20),
RKRLRKFRNKIKEKLKKIGQKI (SEQ ID NO: 21),
LRKFRNKIKEKLKKIGQKI (SEQ ID NO: 22),
LRKFRNKIKEKLKKIGQKIQG (SEQ ID NO: 23),
RKFRNKIKEKLKKIG (SEQ ID NO: 24),
KIKEKLKKIGQKIQG (SEQ ID NO: 25),
KIKEKLKKIGQKIQGLL (SEQ ID NO: 26),
RGLRRLGRKIAHGVKKYGPTVLRRIIRIA-NH₂ (SEQ ID NO. 27), and
KNLRRRIIRKIIHIIKKYGPTILRIIRIIG-NH₂ (SEQ ID NO. 28),
formulated in a pharmaceutically acceptable carrier.